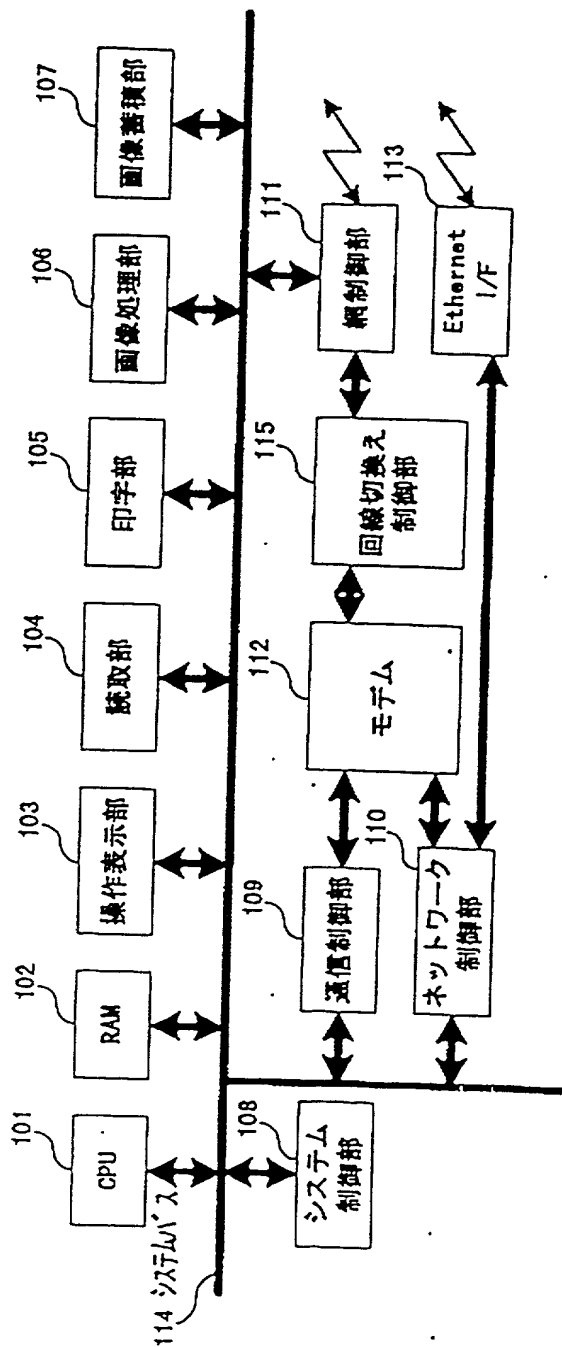




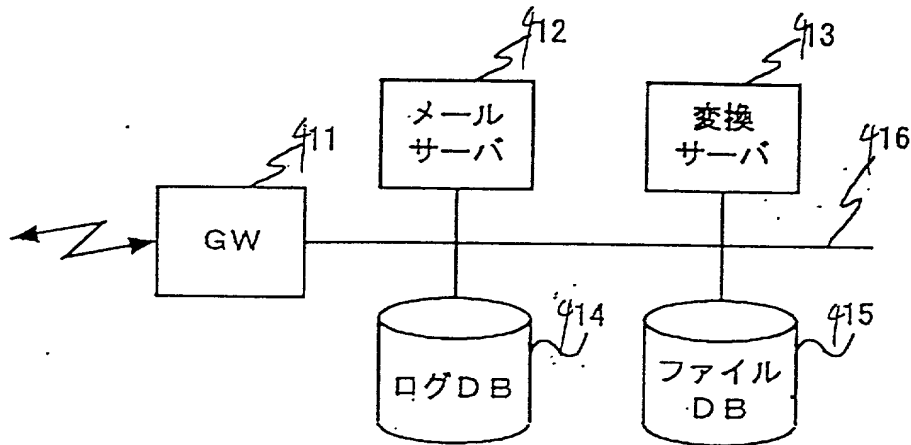
Fig. 2

1 (15)



- 103 OPERATION AND DISPLAY SECTION
- 104 READ SECTION
- 105 PRINT SECTION
- 106 IMAGE PROCESSING SECTION
- 107 IMAGE STORAGE SECTION
- 108 SYSTEM CONTROL SECTION
- 109 COMMUNICATION CONTROL SECTION
- 110 NETWORK CONTROL SECTION
- 111 NET CONTROL SECTION
- 112 MODEM
- 114 SYSTEM BUS
- 115 LINE SWITCH CONTROL SECTION

Fig. 3



- 412 MAIL SERVER
- 413 CONVERSION SERVER
- 414 LOG DB
- 415 FILE DB

Fig. 4

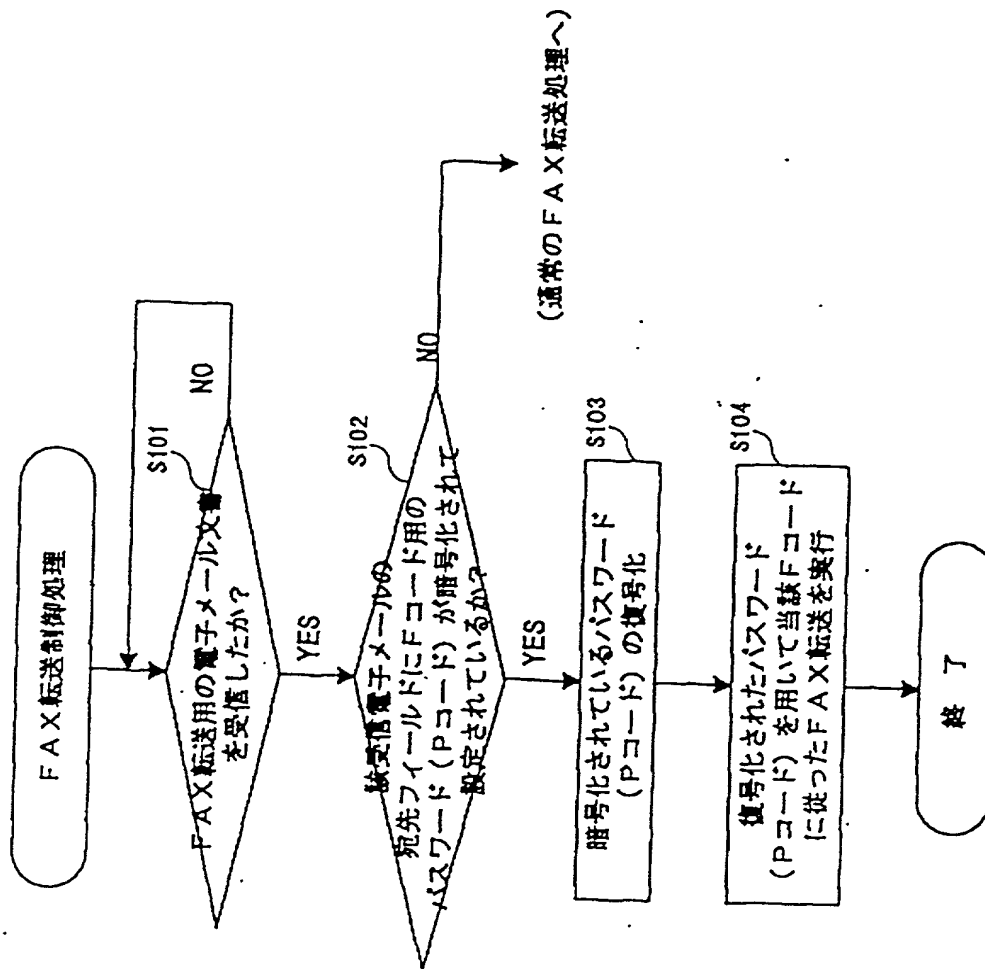


FIG 4

FAX TRANSFER CONTROL PROCESSING

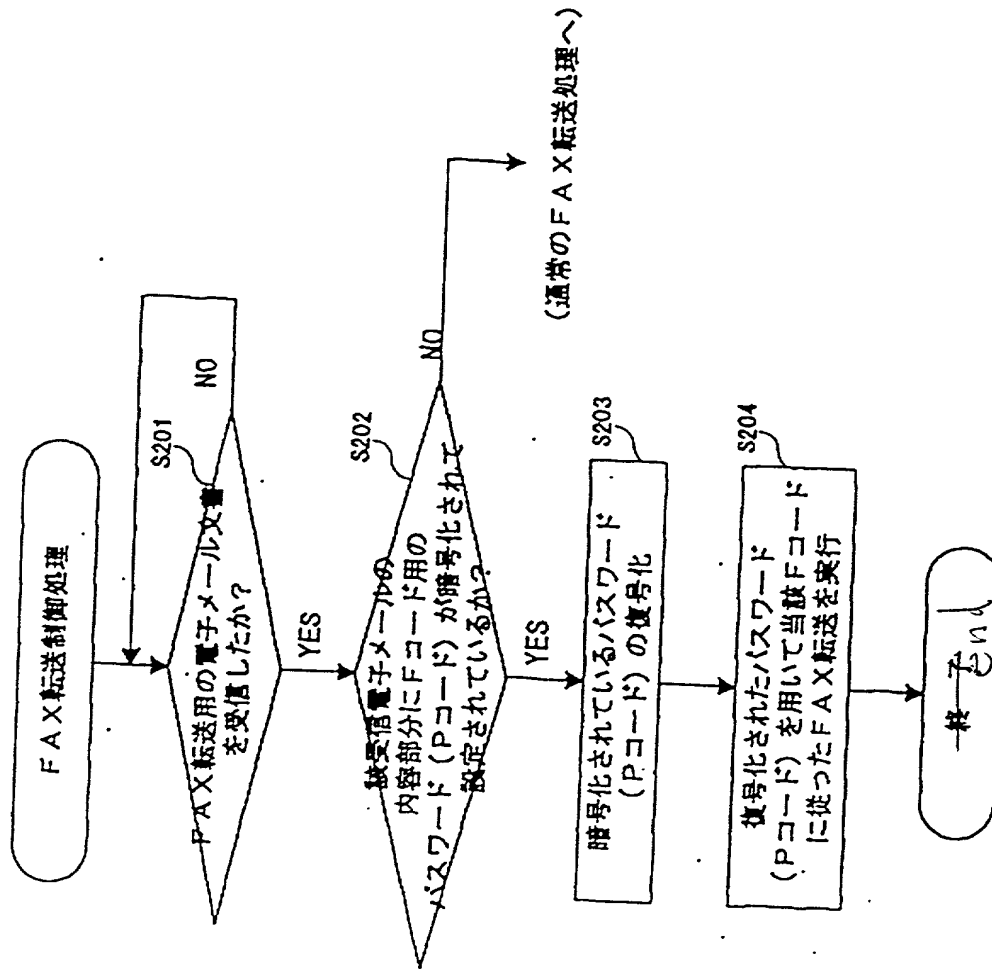
S101 ELECTRONIC MAIL DOCUMENT FOR FAX TRANSFER RECEIVED?

S102 IS PASSWORD (P CODE) FOR F CODE ENCRYPTED AND SET IN DESTINATION FIELD OF RECEIVED ELECTRONIC MAIL?  
(TO NORMAL FAX TRANSFER PROCESSING)

S103 DECRYPT ENCRYPTED PASSWORD (P CODE)

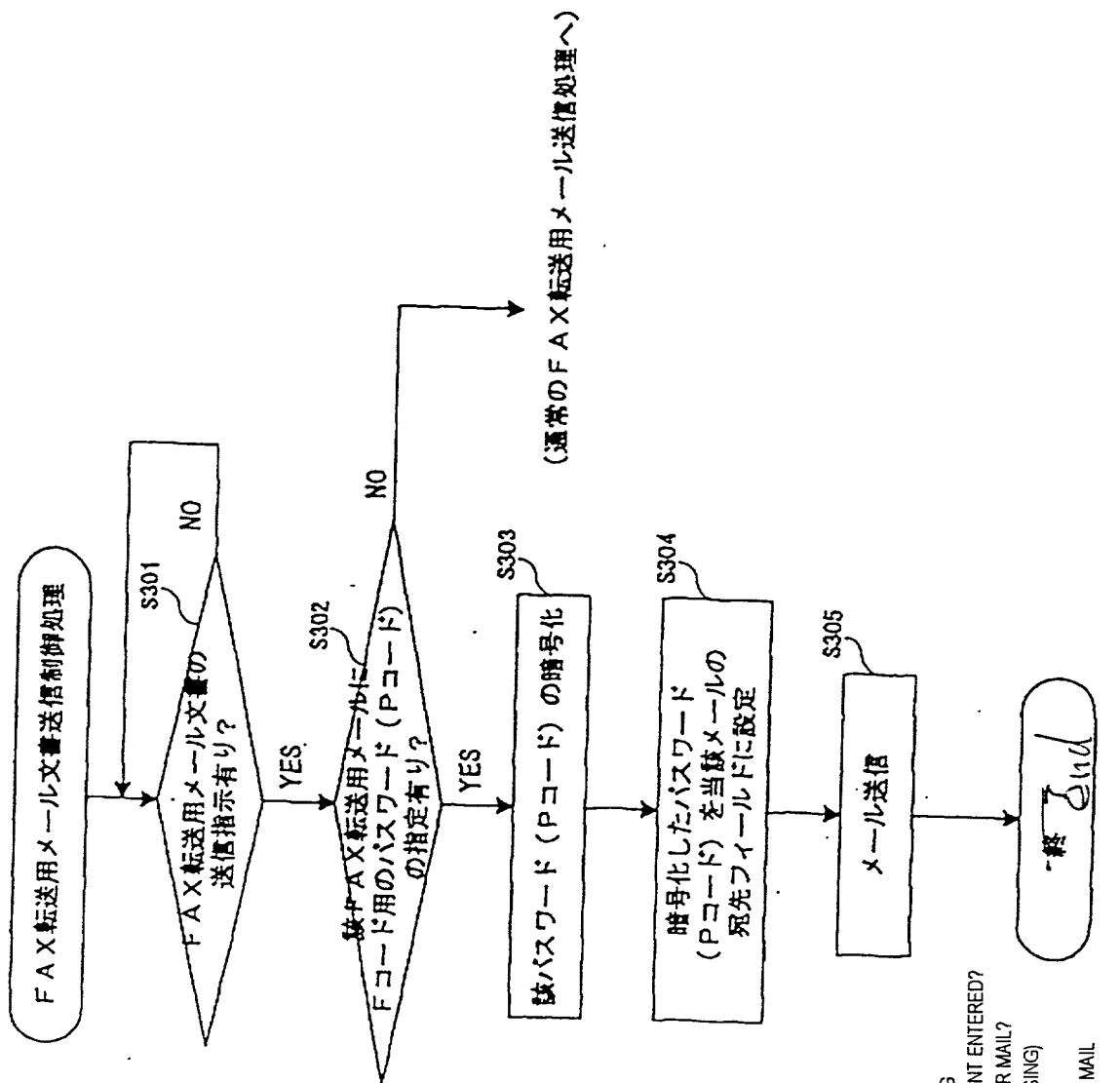
S104 USING DECRYPTED PASSWORD (P CODE), EXECUTE FAX TRANSFER IN ACCORDANCE WITH F CODE  
END

Fig. 5



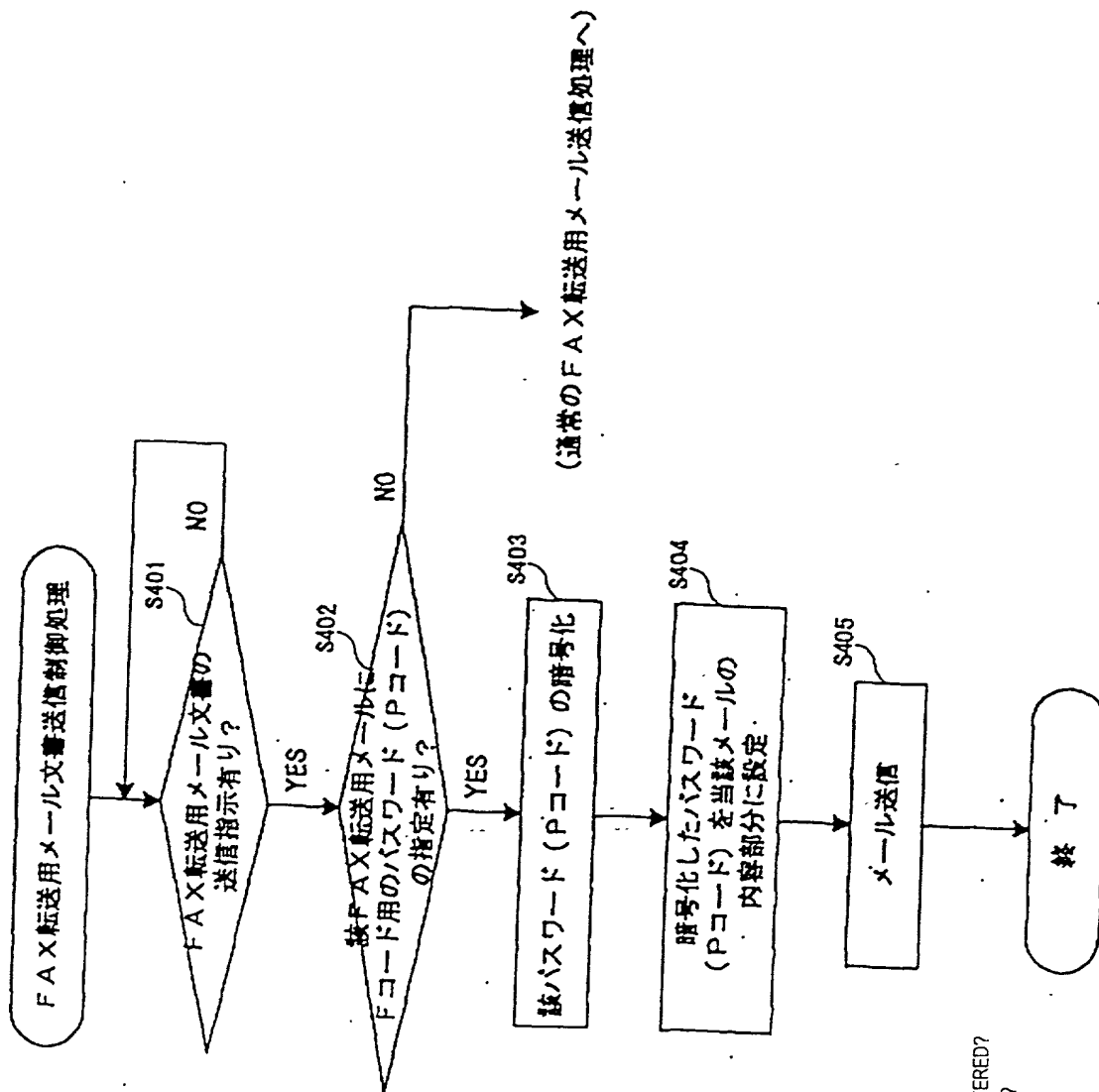
FAX TRANSFER CONTROL PROCESSING  
 S201 ELECTRONIC MAIL DOCUMENT FOR FAX TRANSFER RECEIVED?  
 S202 IS PASSWORD (P CODE) FOR F CODE ENCRYPTED AND SET IN MAIN BODY OF RECEIVED ELECTRONIC MAIL?  
 (TO NORMAL FAX TRANSFER PROCESSING)  
 S203 DECRYPT ENCRYPTED PASSWORD (P CODE)  
 S204 USING DECRYPTED PASSWORD (P CODE), EXECUTE FAX TRANSFER IN ACCORDANCE WITH F CODE

Fig. 6



FAX TRANSFER MAIL DOCUMENT TRANSMISSION CONTROL PROCESSING  
 S301 INSTRUCTION FOR TRANSMITTING FAX TRANSFER MAIL DOCUMENT ENTERED?  
 S302 IS PASSWORD (P CODE) FOR F CODE SPECIFIED IN FAX TRANSFER MAIL?  
 (TO NORMAL FAX TRANSFER MAIL TRANSMISSION PROCESSING)  
 S303 ENCRYPT PASSWORD (P CODE)  
 S304 SET ENCRYPTED PASSWORD (P CODE) IN DESTINATION FIELD OF MAIL  
 S305 TRANSMIT MAIL

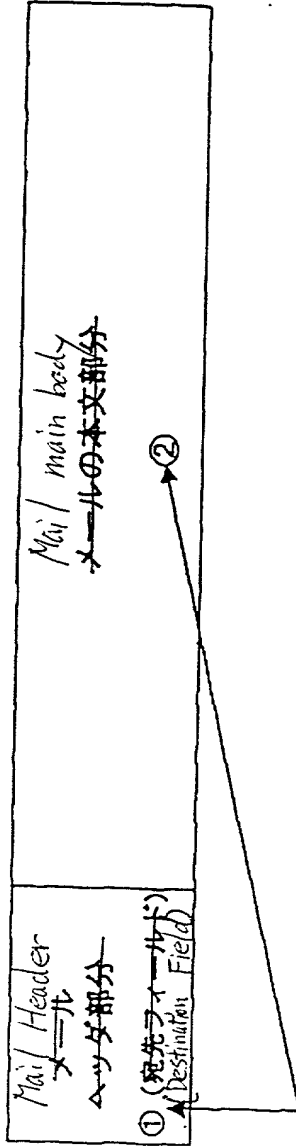
Fig. 7



FAX TRANSFER MAIL DOCUMENT TRANSMISSION CONTROL PROCESSING  
 S401 INSTRUCTION FOR TRANSMITTING FAX TRANSFER MAIL DOCUMENT ENTERED?  
 S402 IS PASSWORD (P CODE) FOR F CODE SPECIFIED IN FAX TRANSFER MAIL?  
 (TO NORMAL FAX TRANSFER MAIL TRANSMISSION PROCESSING)  
 S403 ENCRYPT PASSWORD (P CODE)  
 S404 SET ENCRYPTED PASSWORD (P CODE) IN MAIN BODY OF MAIL  
 S405 TRANSMIT MAIL

Fig. 8

Mail data format  
メールデータの構成



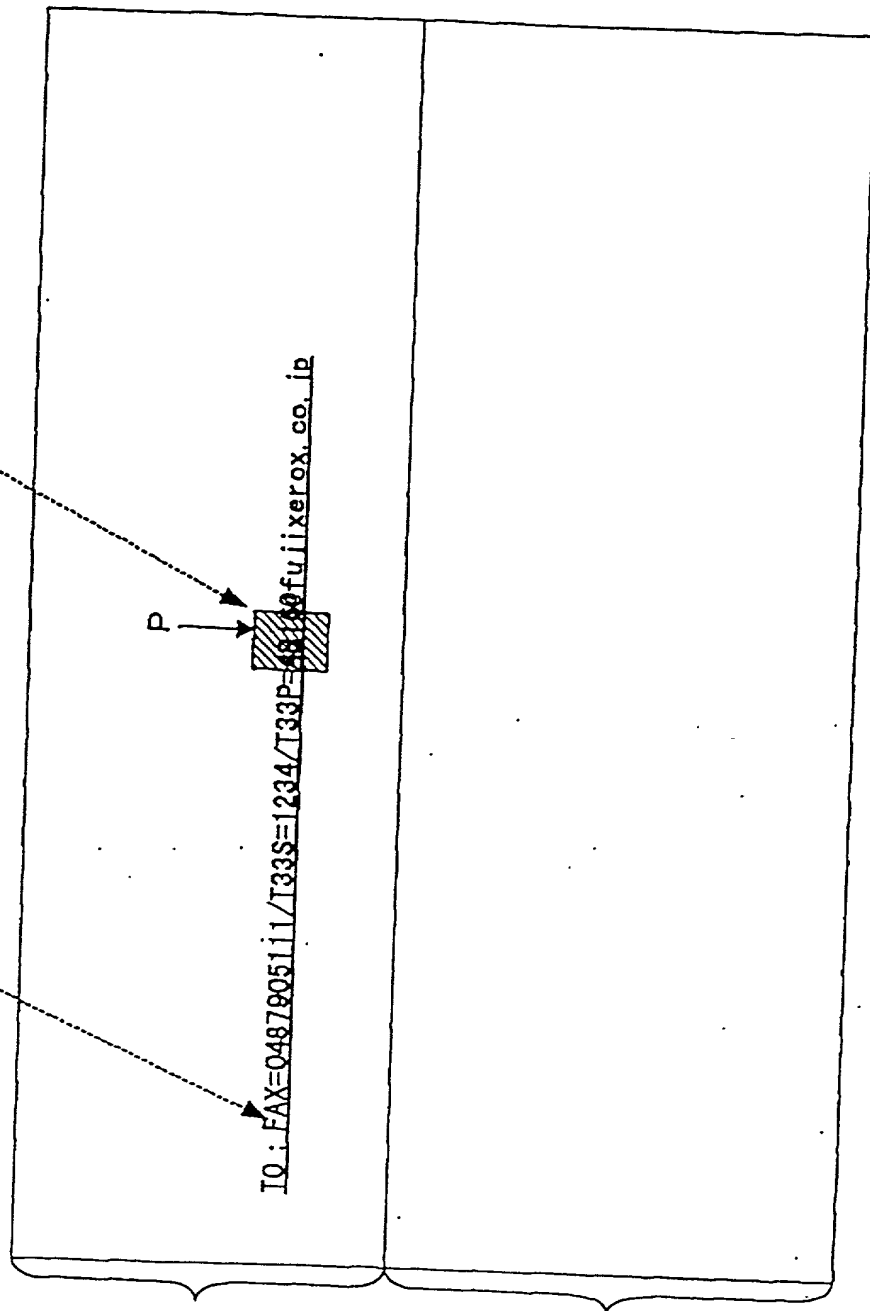
- ① (宛先フィールド) 若しくは② (メール本文中) のいずれかに  
暗号化したパスワード用バスワード (パスワード) を挿入

Insert encrypted password for Poole into either ① or ②



Fig.

メールヘッダ部分に設定する場合の一例  
 Example of setting P code in Mail Header.  
 A 宛先フィールドに暗号化されたPコード  
 Destination Field encrypted P code



Mail Header

Mail main body

本文 (内容部分)  
 (contents portion)

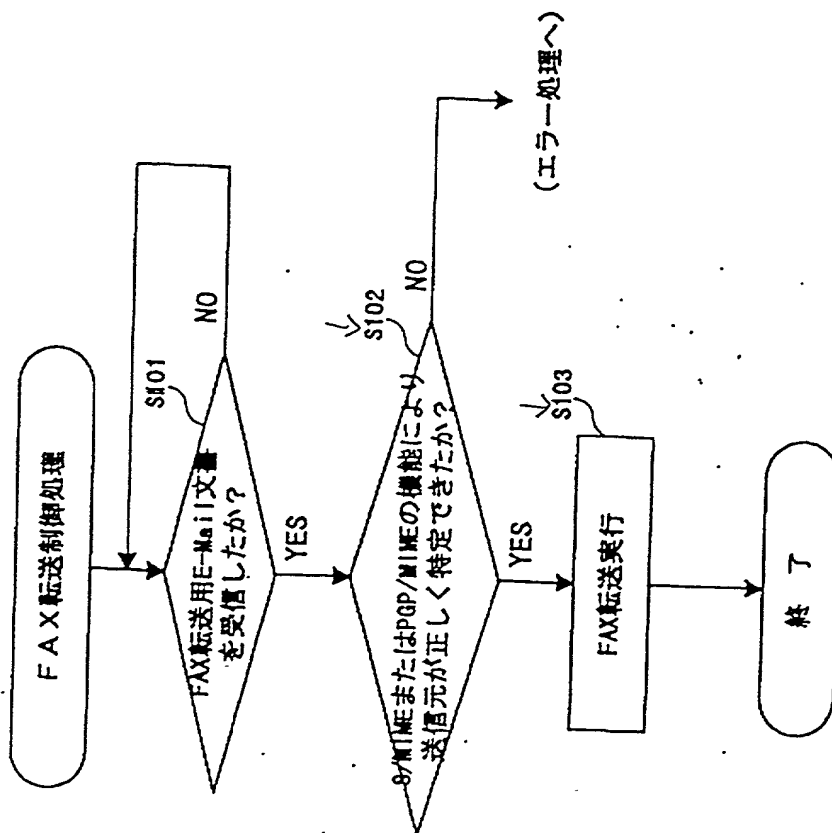
Fig. 10

102a

短縮番号 (No.)	相手名 Associated Name	宛先情報 (電話番号 / E-mail 宛先) Destination Information (Tel. No. / E-mail address)
1	富士太郎 Taro Fuji	03-****-1234
2	富士花子 Hanako Fuji	F. Hanako@fujixerox.co.jp
...	...	...
N	富士一郎 Ichiro Fuji	03-****-5678

Abbreviated No.

Fig. 11



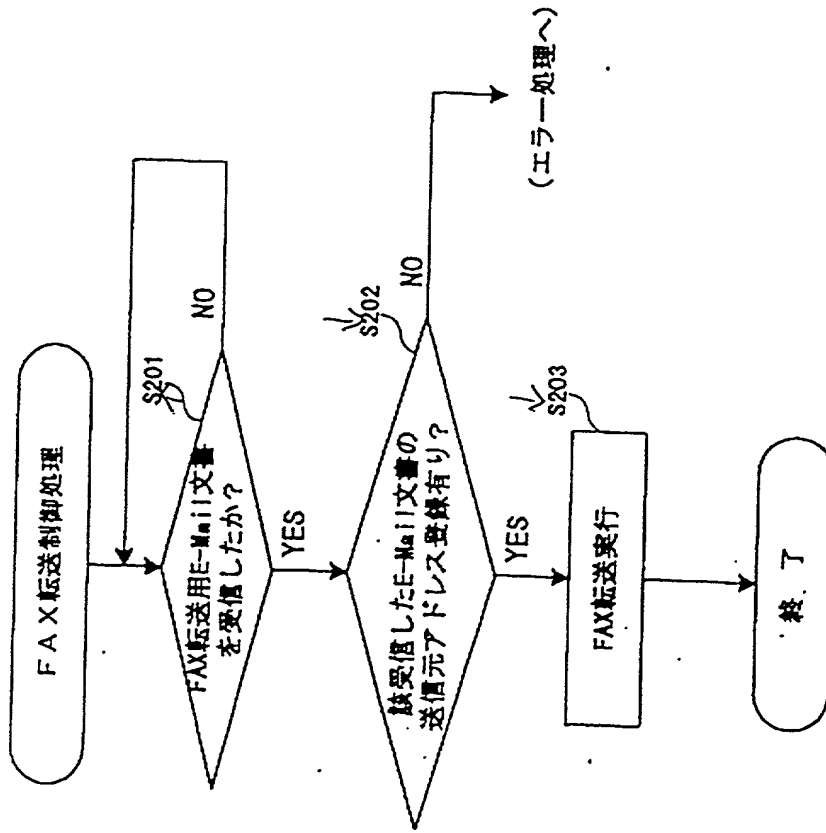
FAX TRANSFER CONTROL PROCESSING

S1101 E-MAIL DOCUMENT FOR FAX TRANSFER RECEIVED?

S1102 CAN TRANSMISSION SOURCE BE CORRECTLY IDENTIFIED BASED ON FUNCTION OF SIMIME OR POP/IMAP?  
(TO ERROR HANDLING)

S1103 EXECUTE FAX TRANSFER

Fig. 12



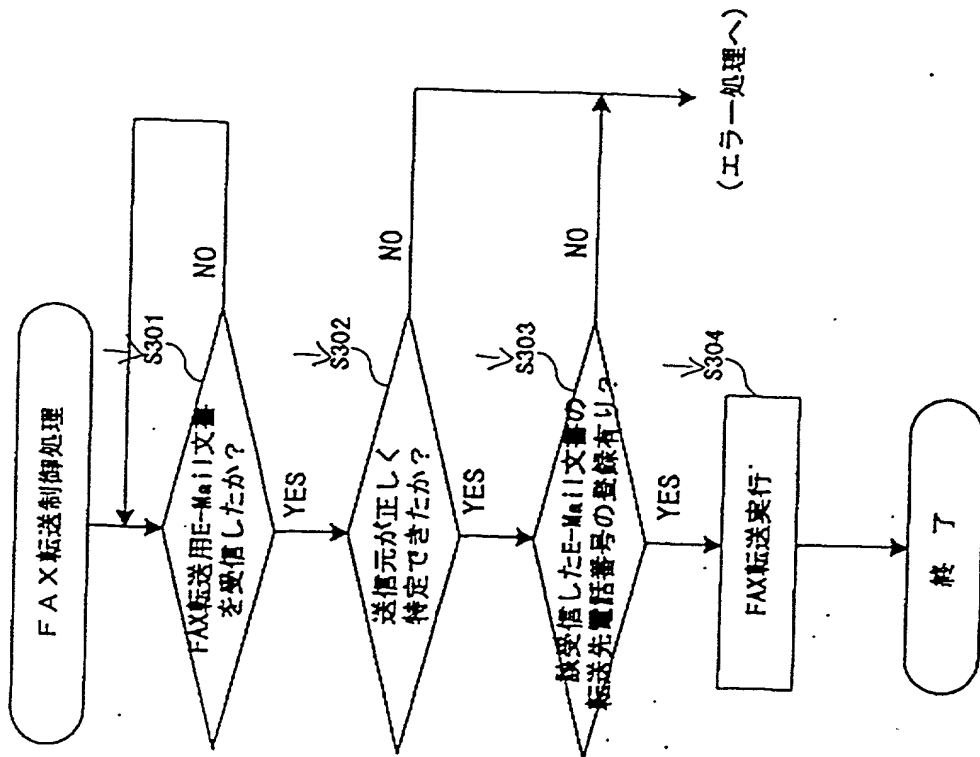
FAX TRANSFER CONTROL PROCESSING

S1201 E-MAIL DOCUMENT FOR FAX TRANSFER RECEIVED?

S1202 TRANSMISSION SOURCE ADDRESS OF RECEIVED E-MAIL DOCUMENT REGISTERED?  
(TO ERROR HANDLING)

S1203 EXECUTE FAX TRANSFER

Fig. 13



FAX TRANSFER CONTROL PROCESSING

- S1301 E-MAIL DOCUMENT FOR FAX TRANSFER RECEIVED?
- S1302 CAN TRANSMISSION SOURCE BE CORRECTLY IDENTIFIED?
- S1303 TRANSFER DESTINATION TELEPHONE NUMBER OF RECEIVED E-MAIL DOCUMENT REGISTERED?  
(TO ERROR HANDLING)
- S1203 EXECUTE FAX TRANSFER

Fig. 14

<REASON WHY FACSIMILE TRANSFER IS REFUSED>  
STORAGE MEMORY IS INSUFFICIENT.

< Mail Header >

Date: Fri, 8 DEC 2000 11:37:15 +0900 (JST)  
From: watashi@ifax.co.jp  
To: anata@ifax.co.jp  
Cc:  
Subject: Document Distribution

Mail body  
< ~~メール本文~~ >

Attached is a document used at a meeting  
Starting from 9:30 on December 11 (Mon).

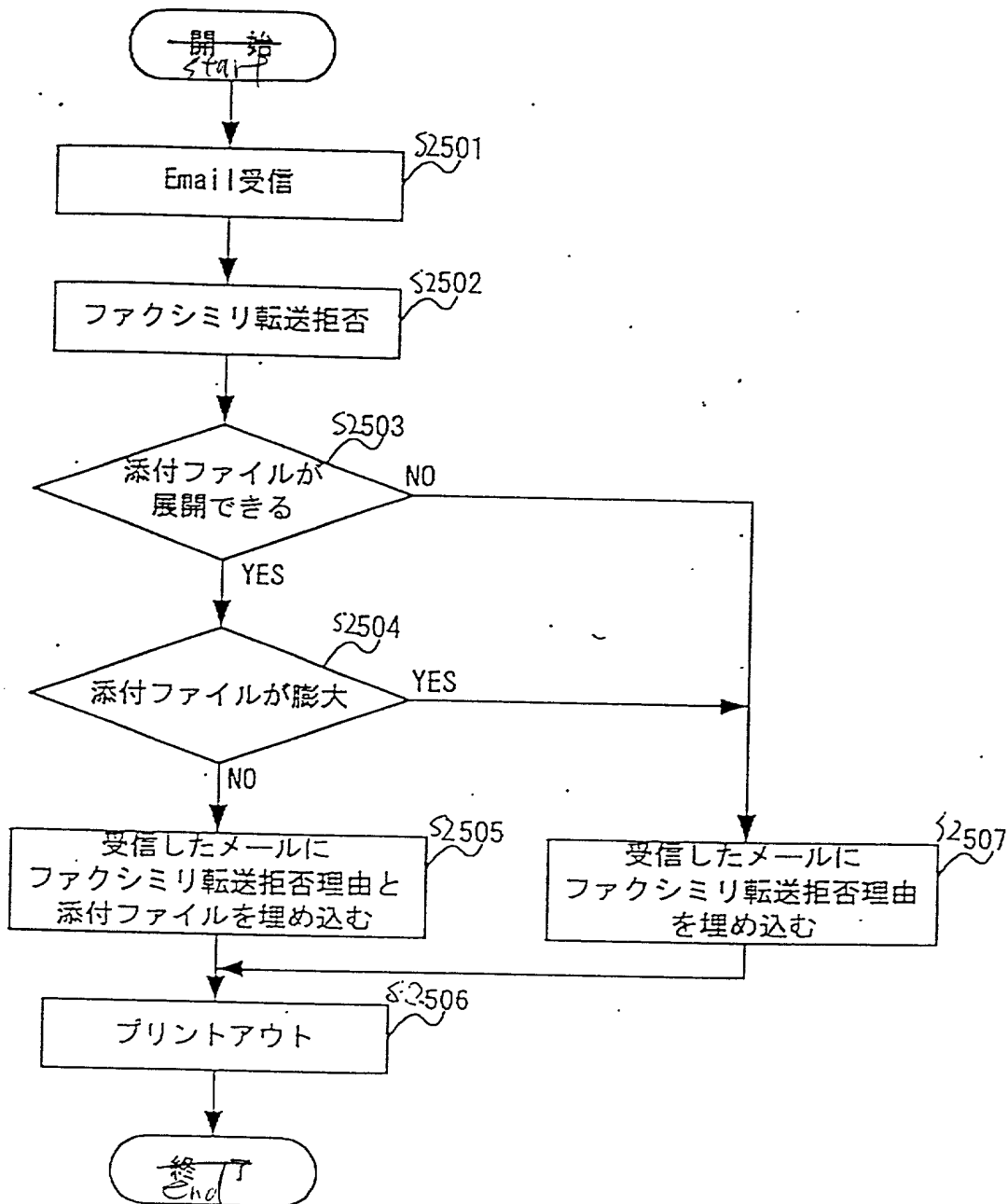
attached file.  
< ~~添付ファイル~~ >

Invention Proposal

Invention title : Internet facsimile  
Inventor :

09987672-11504  
FOSTT-22928660

Fig. 15



- S2501 RECEIVE E-MAIL
- S2502 REFUSE FACSIMILE TRANSFER
- S2503 CAN ATTACHED FILE BE EXPANDED?
- S2504 IS ATTACHED FILE ENORMOUS?
- S2505 EMBED REASON WHY FACSIMILE TRANSFER IS REFUSED AND ATTACHED FILE IN RECEIVED E-MAIL
- S2506 EMBED REASON WHY FACSIMILE TRANSFER IS REFUSED IN RECEIVED E-MAIL
- S2507 PRINT OUT







Fig. 18

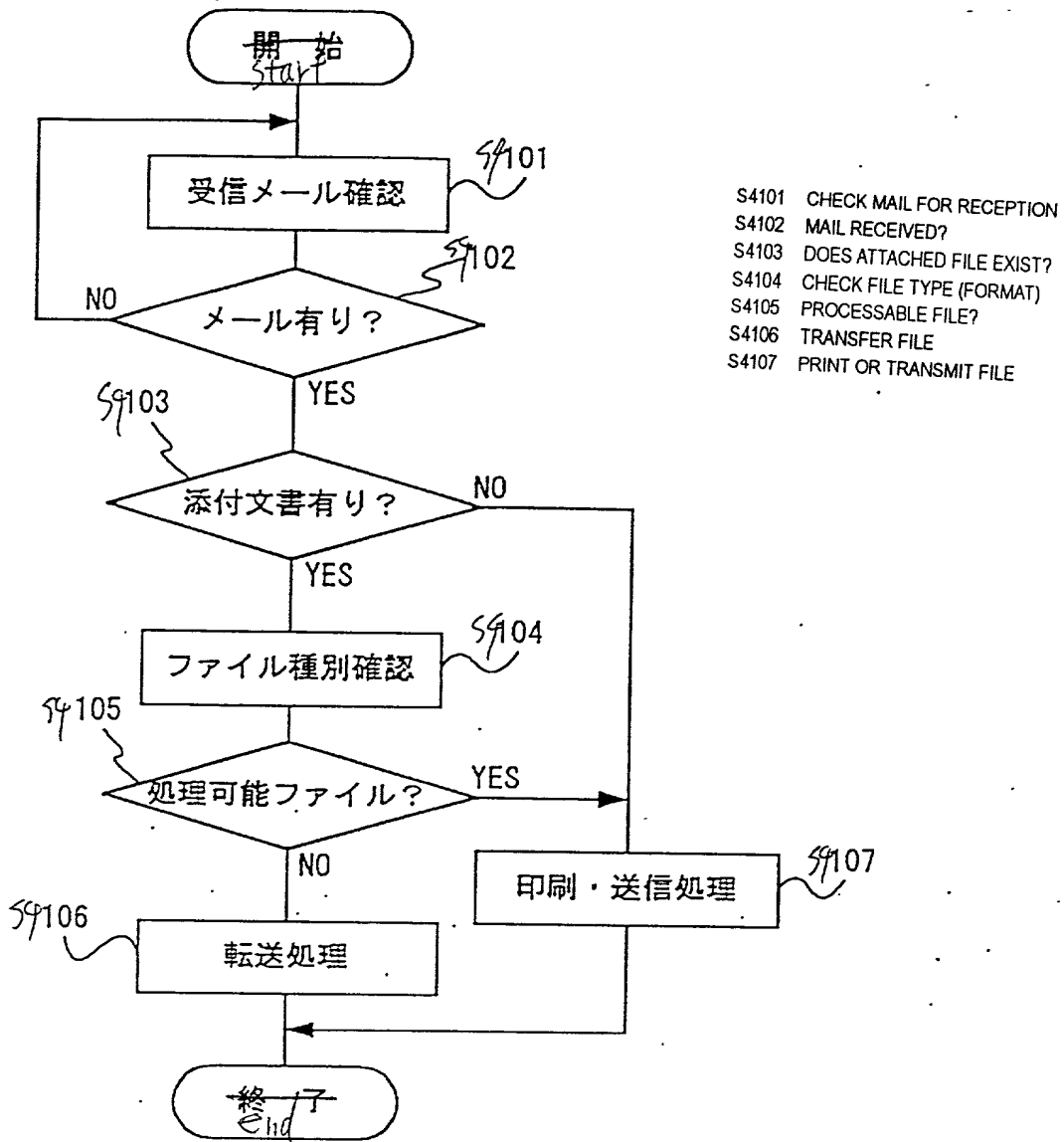
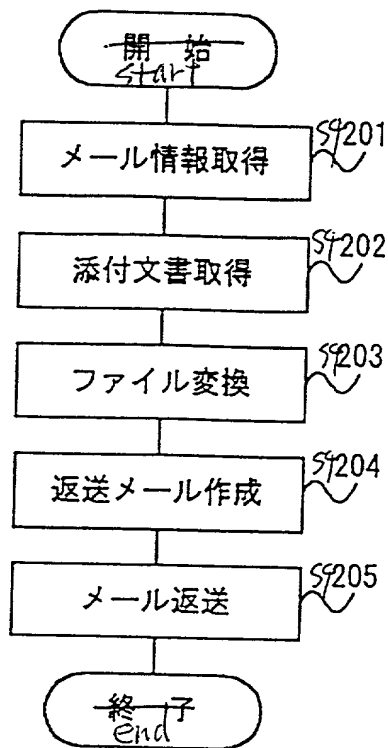


Fig. 19

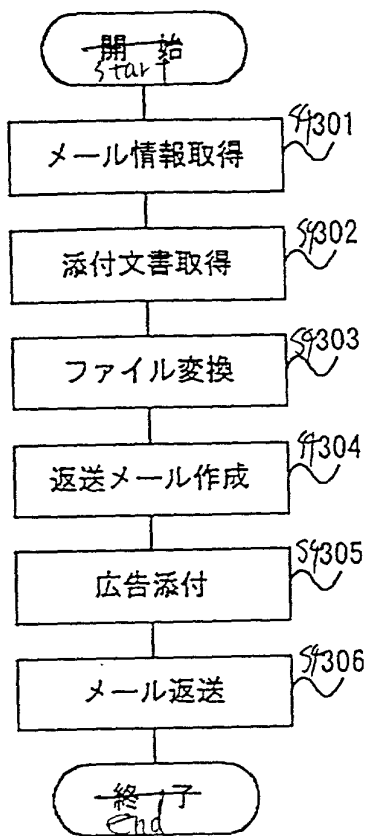


- S4201 ACQUIRE MAIL INFORMATION
- S4202 ACQUIRE ATTACHED DOCUMENT
- S4203 EXECUTE FILE CONVERSION
- S4204 PREPARE E-MAIL TO RETURN DOCUMENT
- S4205 RETURN E-MAIL

Fig. 20

日時 Date	発信元アドレス Transmitting party address	ファイル種別 File type	ファイルサイズ File size
20001220082655	xxx@xxx.co.jp	○○Ver4.1	986
20001220091234	yyy@yyy.ne.jp	△△△	435
20001220091248	zzz@zzz.com	□□□	1,671
⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮

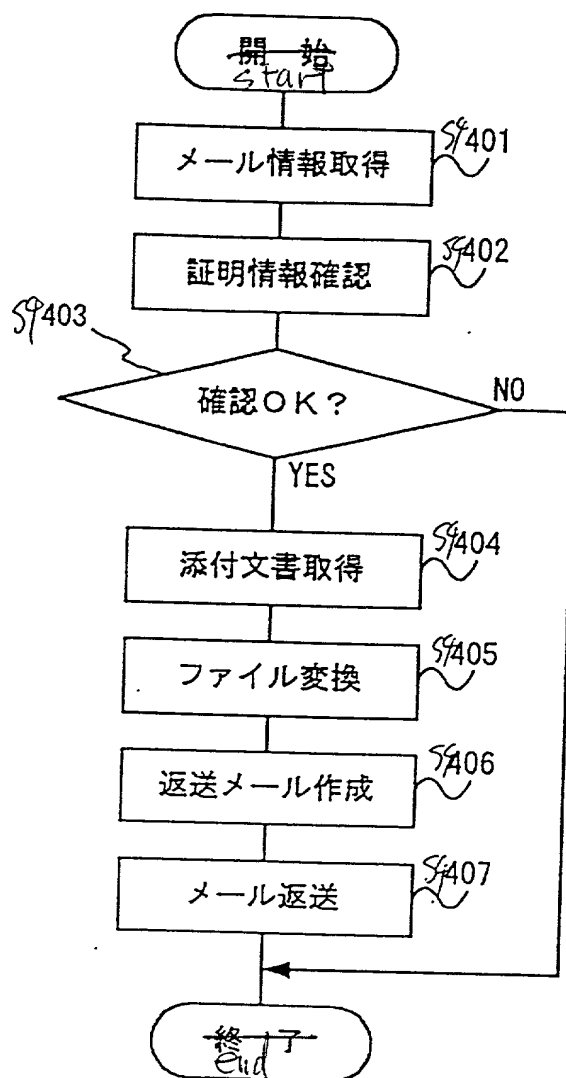
Fig. 21



- S4301 ACQUIRE MAIL INFORMATION
- S4302 ACQUIRE ATTACHED DOCUMENT
- S4303 EXECUTE FILE CONVERSION
- S4304 PREPARE E-MAIL TO RETURN DOCUMENT
- S4305 ATTACH ADVERTISEMENT
- S4306 RETURN E-MAIL

09987672-11501

Fig. 22.



- S4401 ACQUIRE MAIL INFORMATION
- S4402 CHECK CERTIFICATE INFORMATION
- S4403 VERIFICATION OK?
- S4404 ACQUIRE ATTACHED DOCUMENT
- S4405 EXECUTE FILE CONVERSION
- S4406 PREPARE E-MAIL TO RETURN DOCUMENT
- S4407 RETURN E-MAIL



Fig. 24

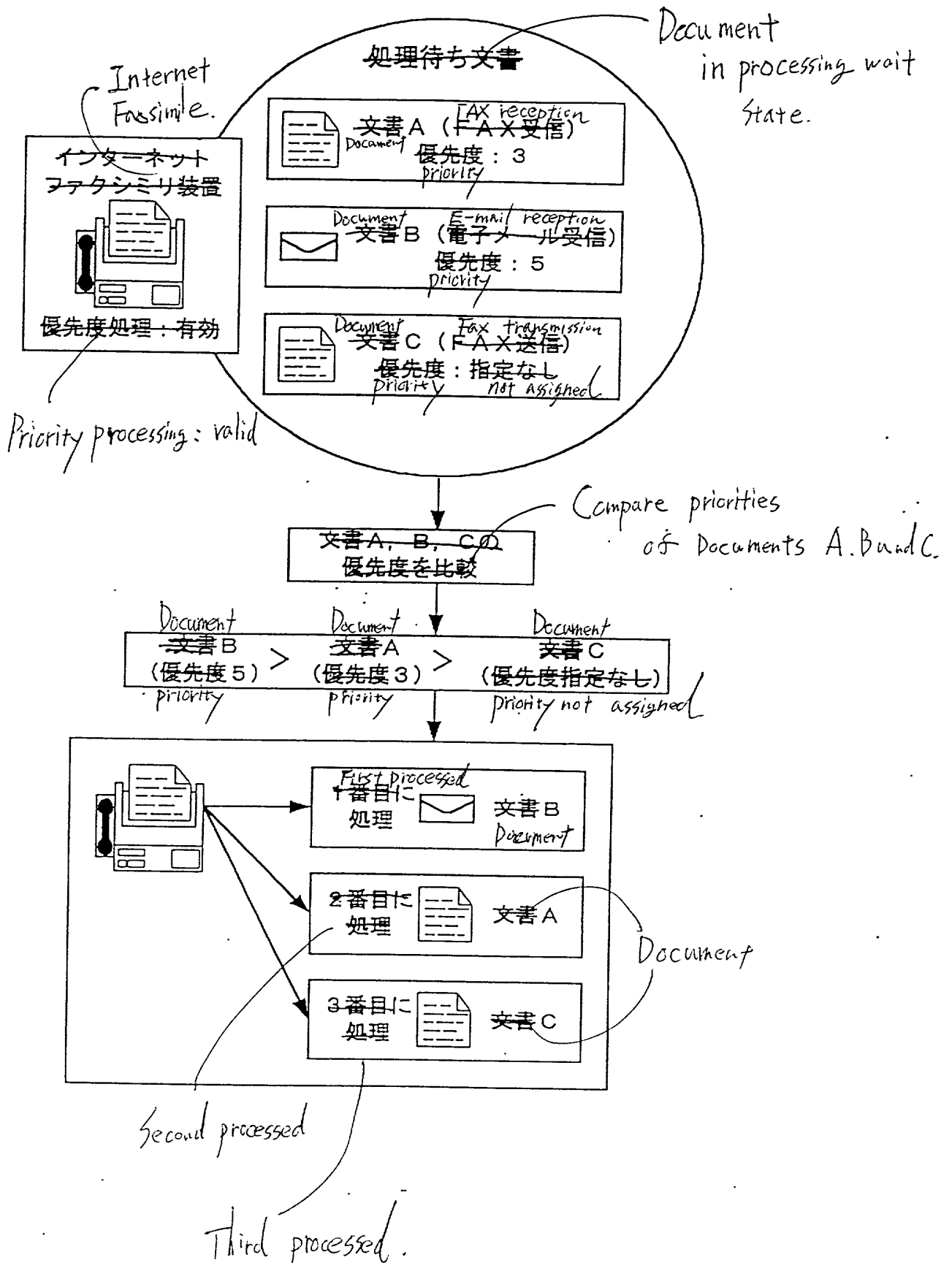
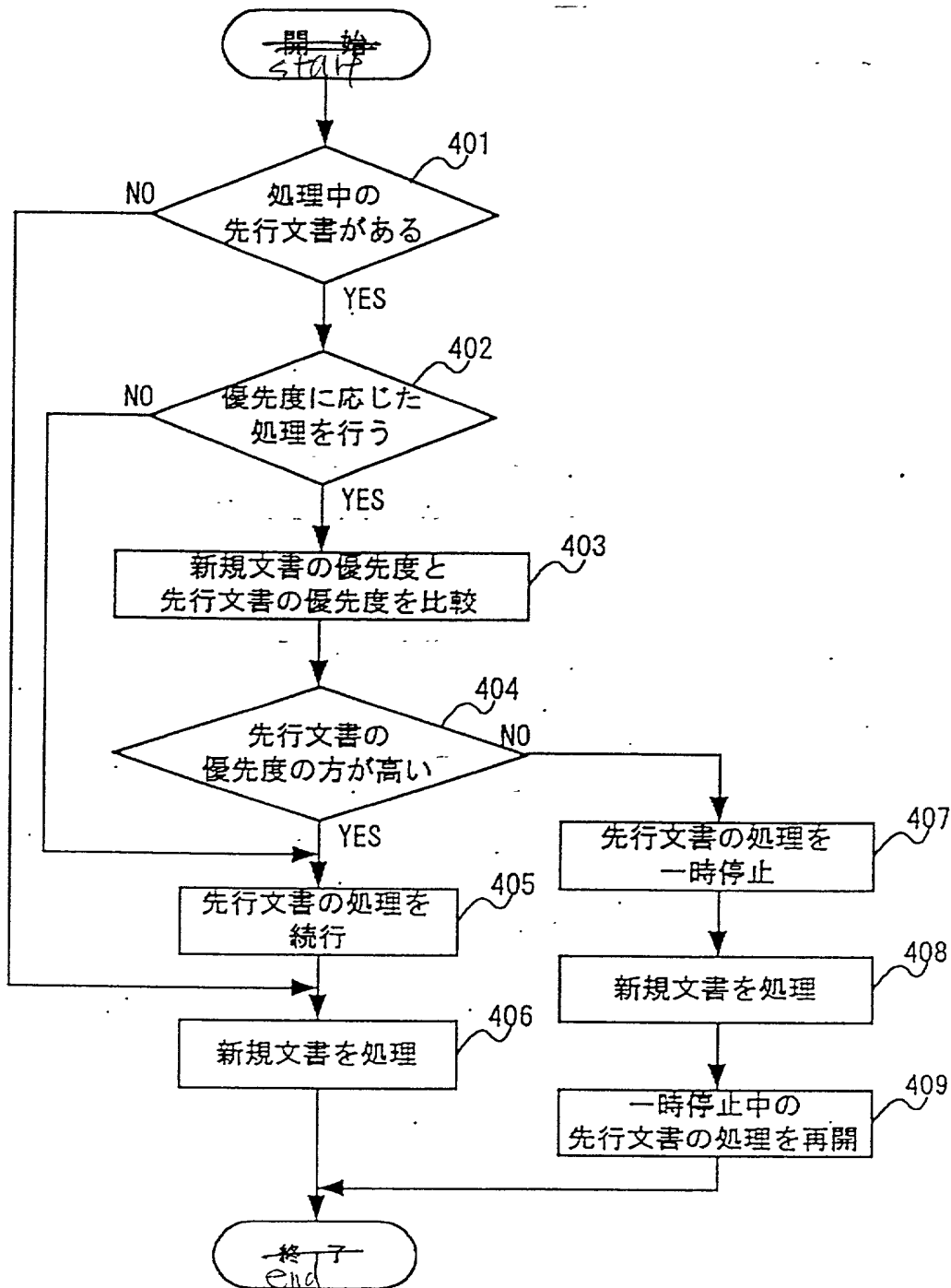


Fig. 25

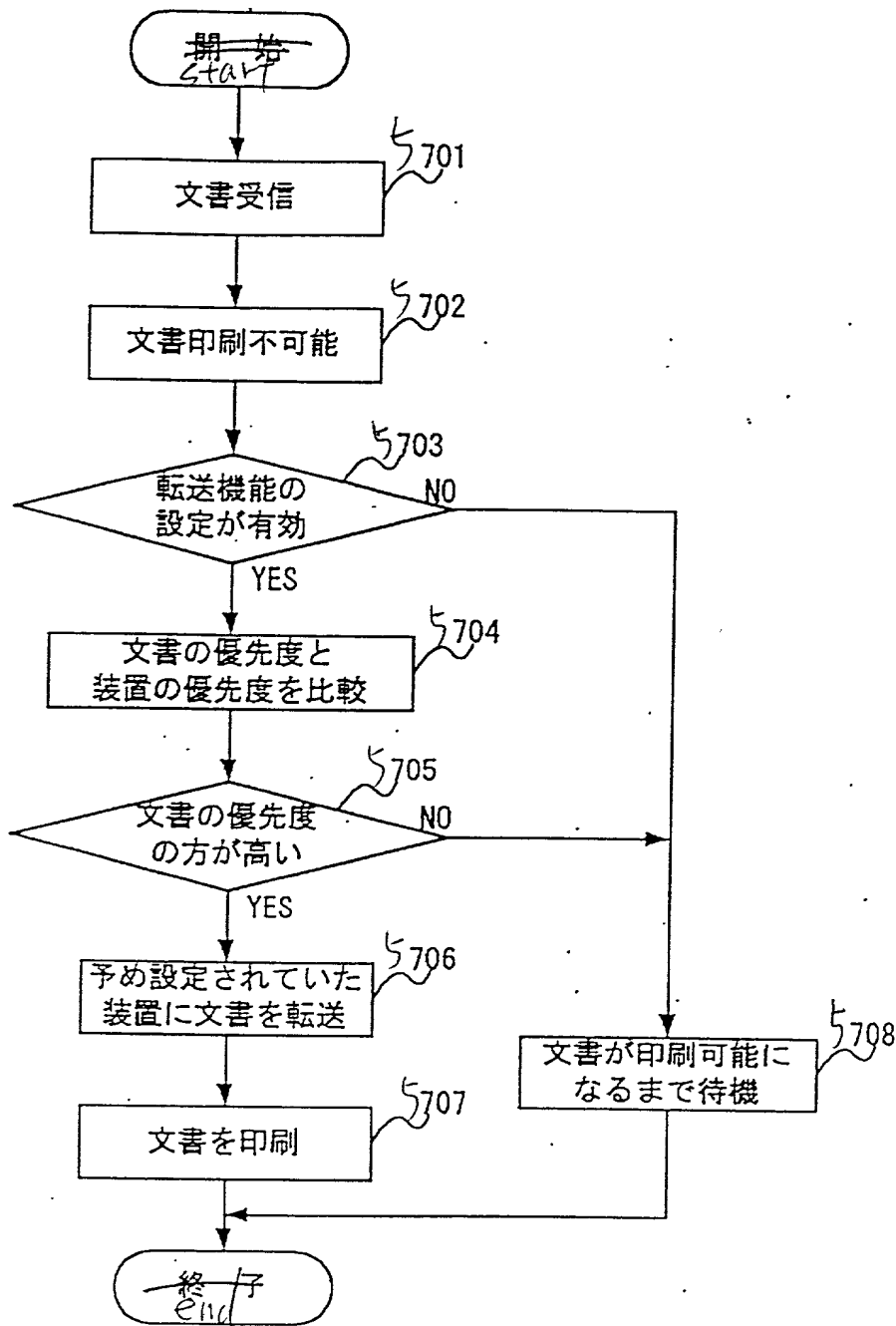


- S5401 DOES PRECEDING DOCUMENT BEING PROCESSED EXIST?
- S5402 IS PROCESSING RESPONSIVE TO PRIORITY TO BE PERFORMED?
- S5403 COMPARE PRIORITY OF NEW DOCUMENT WITH THAT OF PRECEDING DOCUMENT
- S5404 IS THE LATTER HIGHER THAN THE FORMER?
- S5405 CONTINUE PROCESSING PRECEDING DOCUMENT
- S5406 PROCESS NEW DOCUMENT
- S5407 TEMPORARILY STOP PROCESSING PRECEDING DOCUMENT
- S5408 PROCESS NEW DOCUMENT
- S5409 RESTART PROCESSING PRECEDING DOCUMENT TEMPORARILY STOPPED





Fig. 28



- S5701 RECEIVE DOCUMENT
- S5702 DOCUMENT CANNOT BE PRINTED
- S5703 IS TRANSFER FUNCTION SETTING EFFECTIVE?
- S5704 COMPARE PRIORITY OF DOCUMENT WITH PRIORITY OF INTERNET FAX
- S5705 IS THE FORMER HIGHER THAN THE LATTER?
- S5706 TRANSFER DOCUMENT TO PRESET INTERNET FAX
- S5707 PRINT DOCUMENT
- S5708 WAIT UNTIL IT IS MADE POSSIBLE TO PRINT DOCUMENT

Fig. 29

機能設定 Function setting

~~開じる~~  
close

優先度転送 priority transfer

effective ~~有効~~

in effective ~~無効~~

優先度設定 - priority setting (1~5)

3

HIGH  $\Delta$

LOW  $\nabla$

~~次ページ~~  
next page

Fig. 30

機能設定 Function setting

~~開じる~~  
close

Priority transfer

~~優先度転送~~

effective ~~有効~~

In effective ~~無効~~

Transfer faxes: 転送装置

~~IFAX-A~~

IFAX-B

~~IFAX-C~~

~~前ページ~~  
previous page

Fig. 31

機能設定 Function Setting

優先度転送 priority transfer

☐ 有効 effective

☒ 無効 ineffective

閉じる close

Fig. 32

機能設定 Function setting

優先度転送 priority transfer

優先度 : 3

転送装置 : IFAX-A, IFAX-C

transfer faxes

閉じる close



Fig. 34

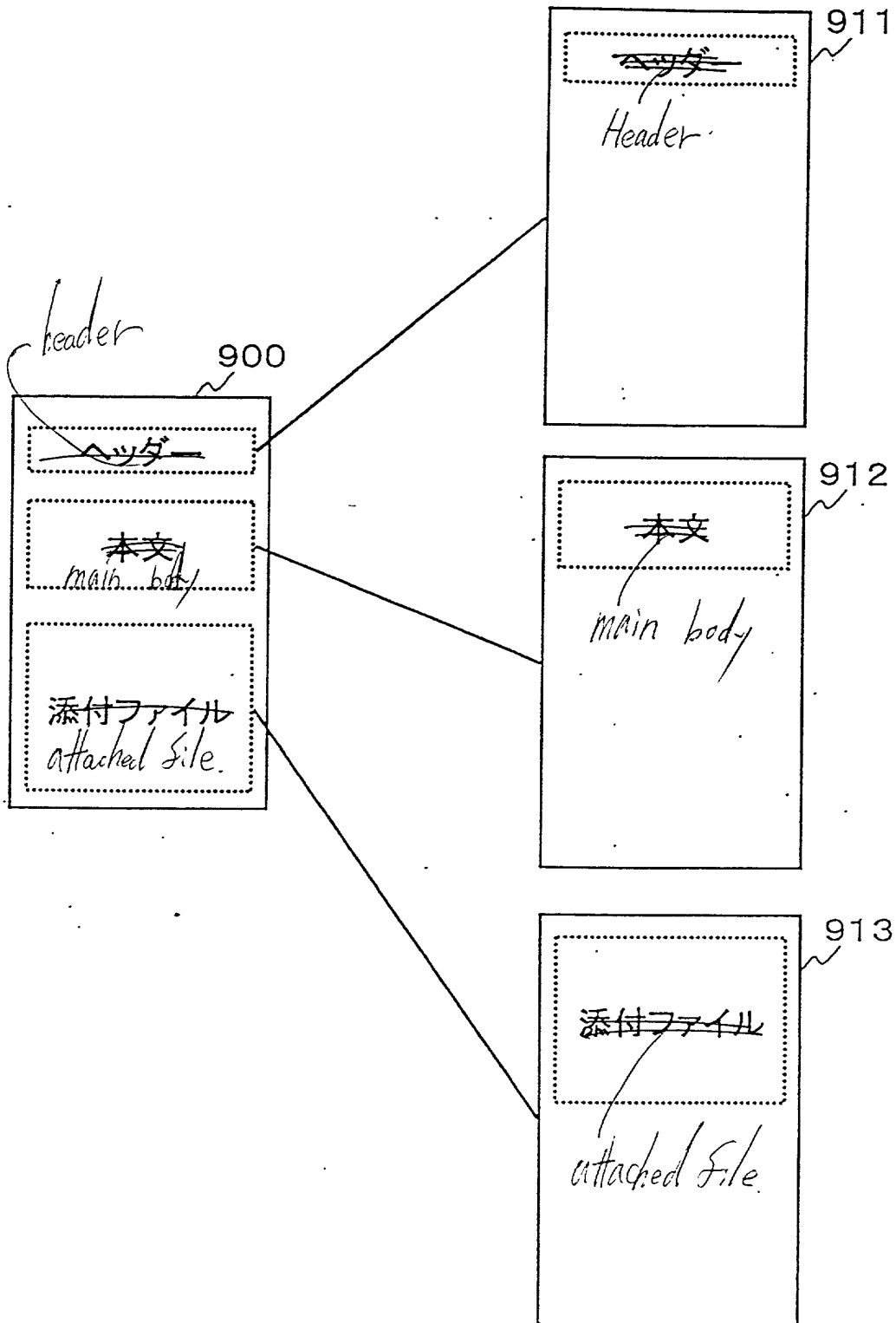




Fig. 36

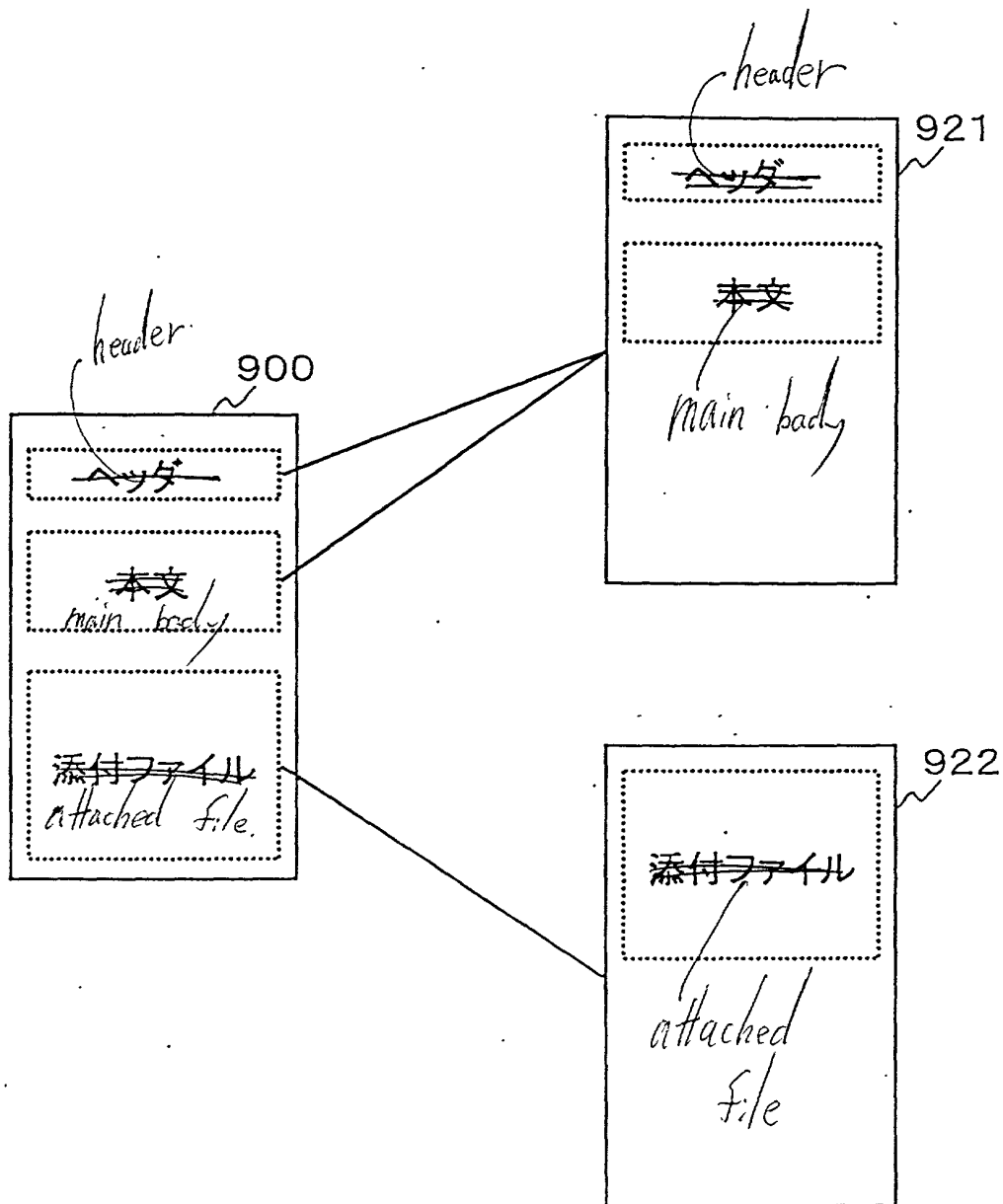




Fig. 37

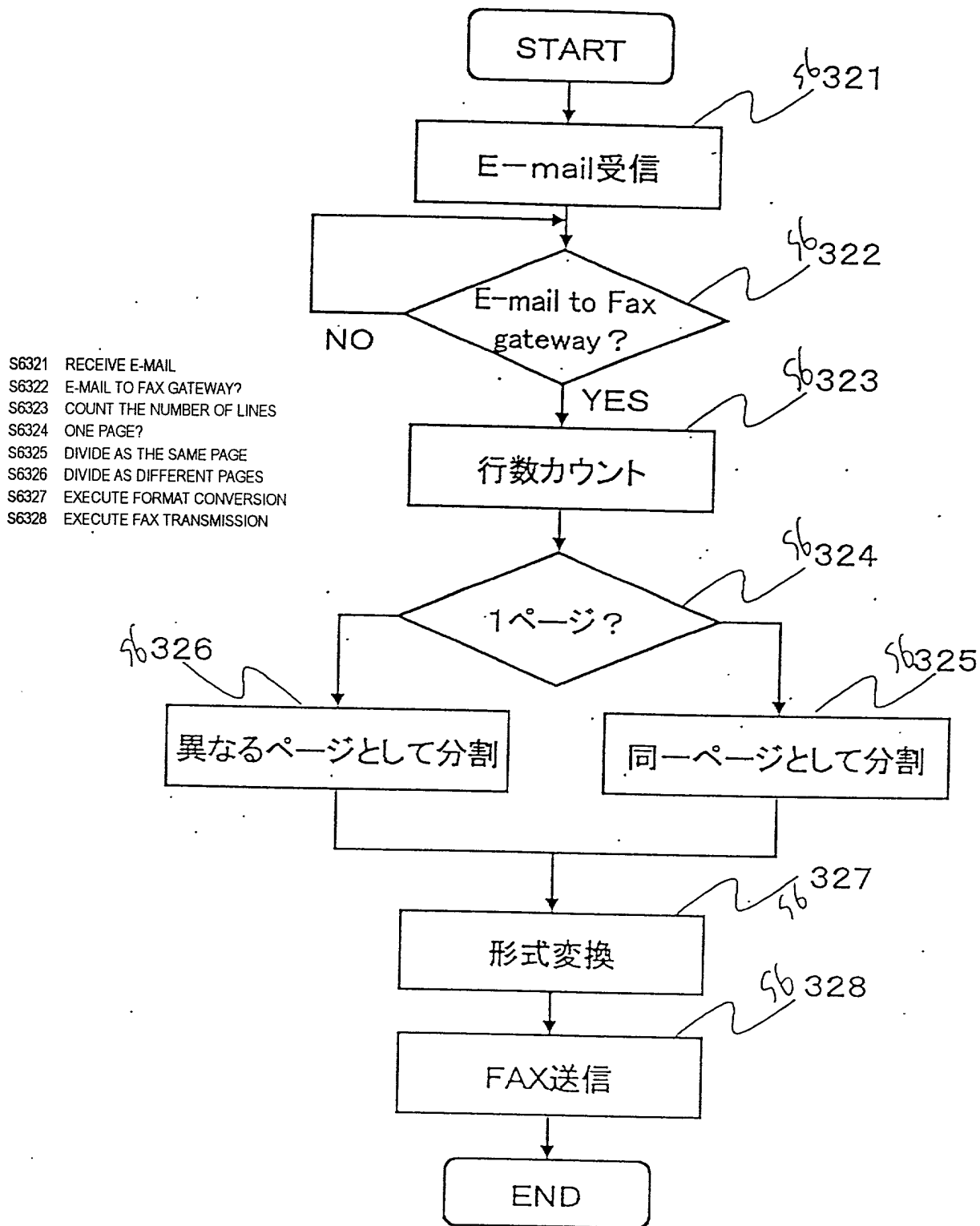


Fig. 38

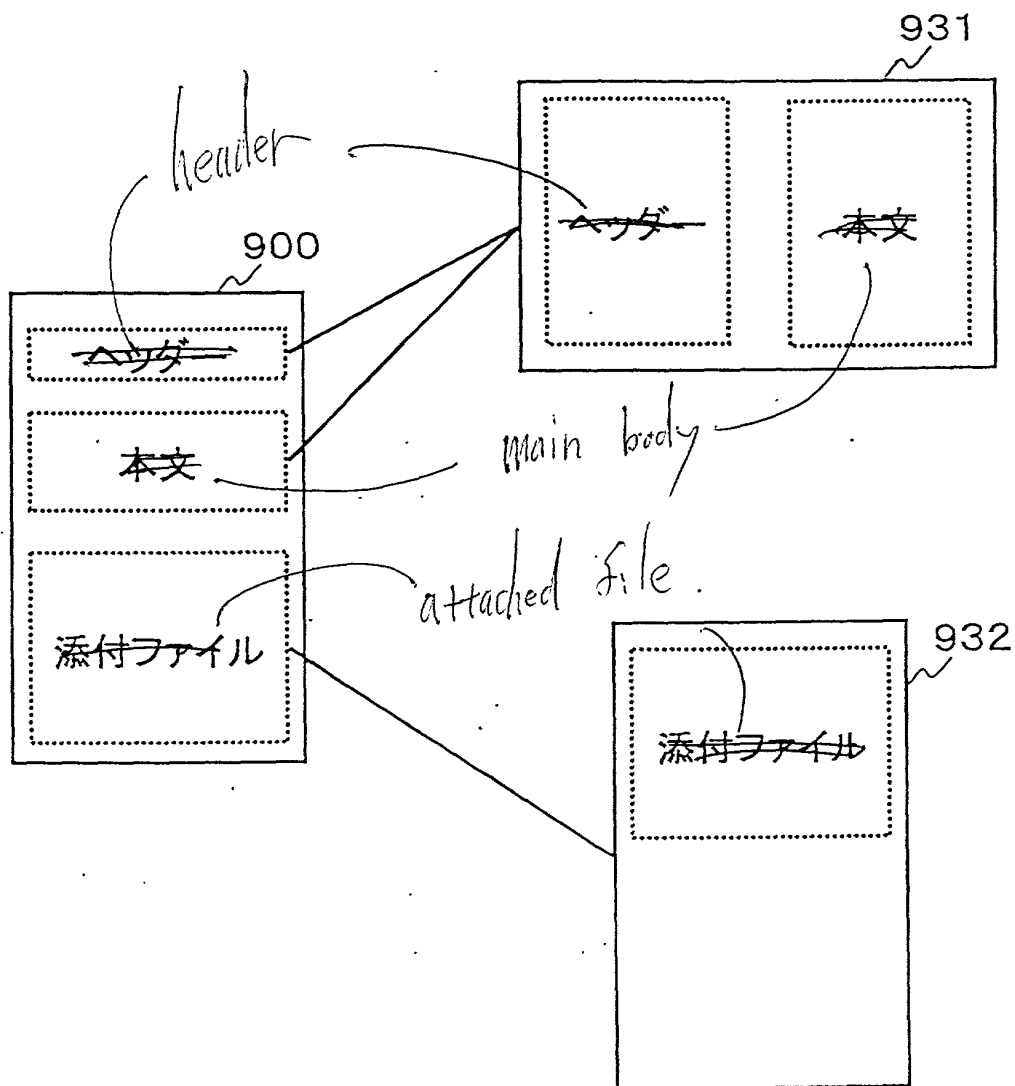
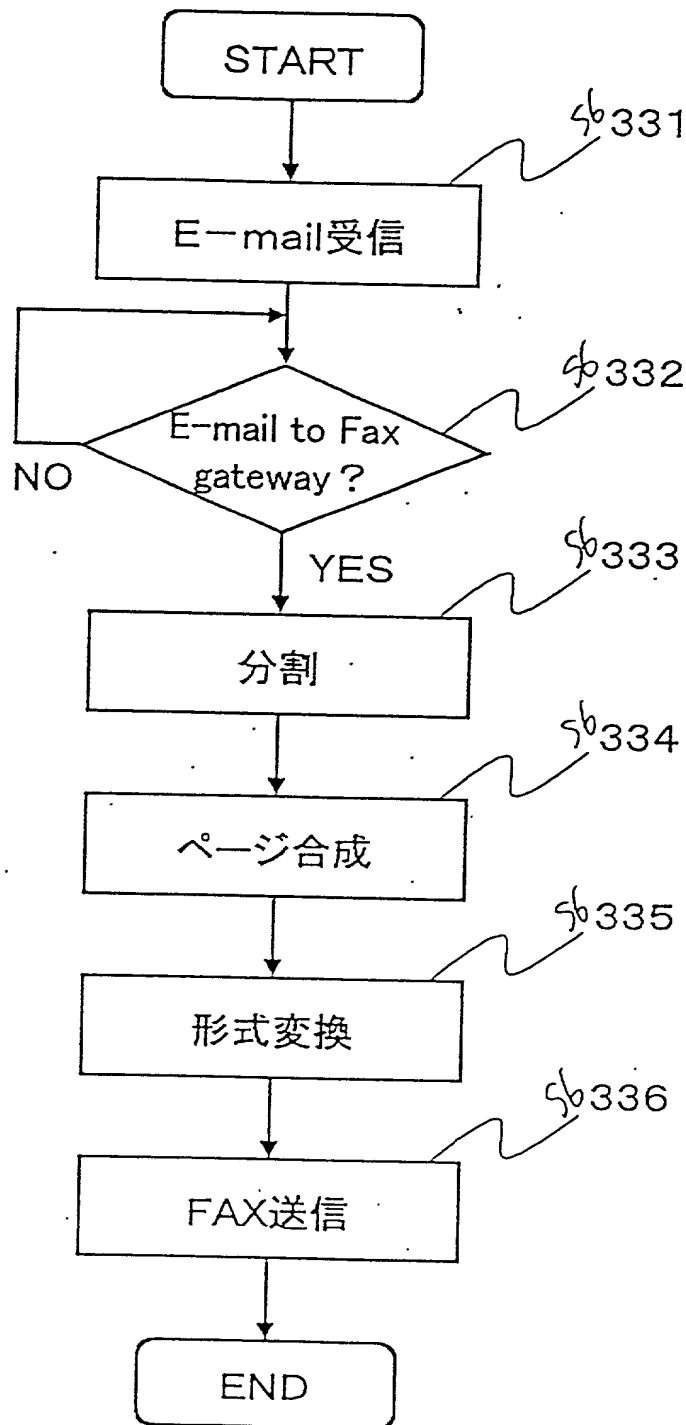


Fig. 39



S6331 RECEIVE E-MAIL  
S6332 E-MAIL TO FAX GATEWAY?  
S6333 DIVIDE  
S6334 MERGE INTO ONE PAGE  
S6335 EXECUTE FORMAT CONVERSION  
S6336 EXECUTE FAX TRANSMISSION

Fig. 40

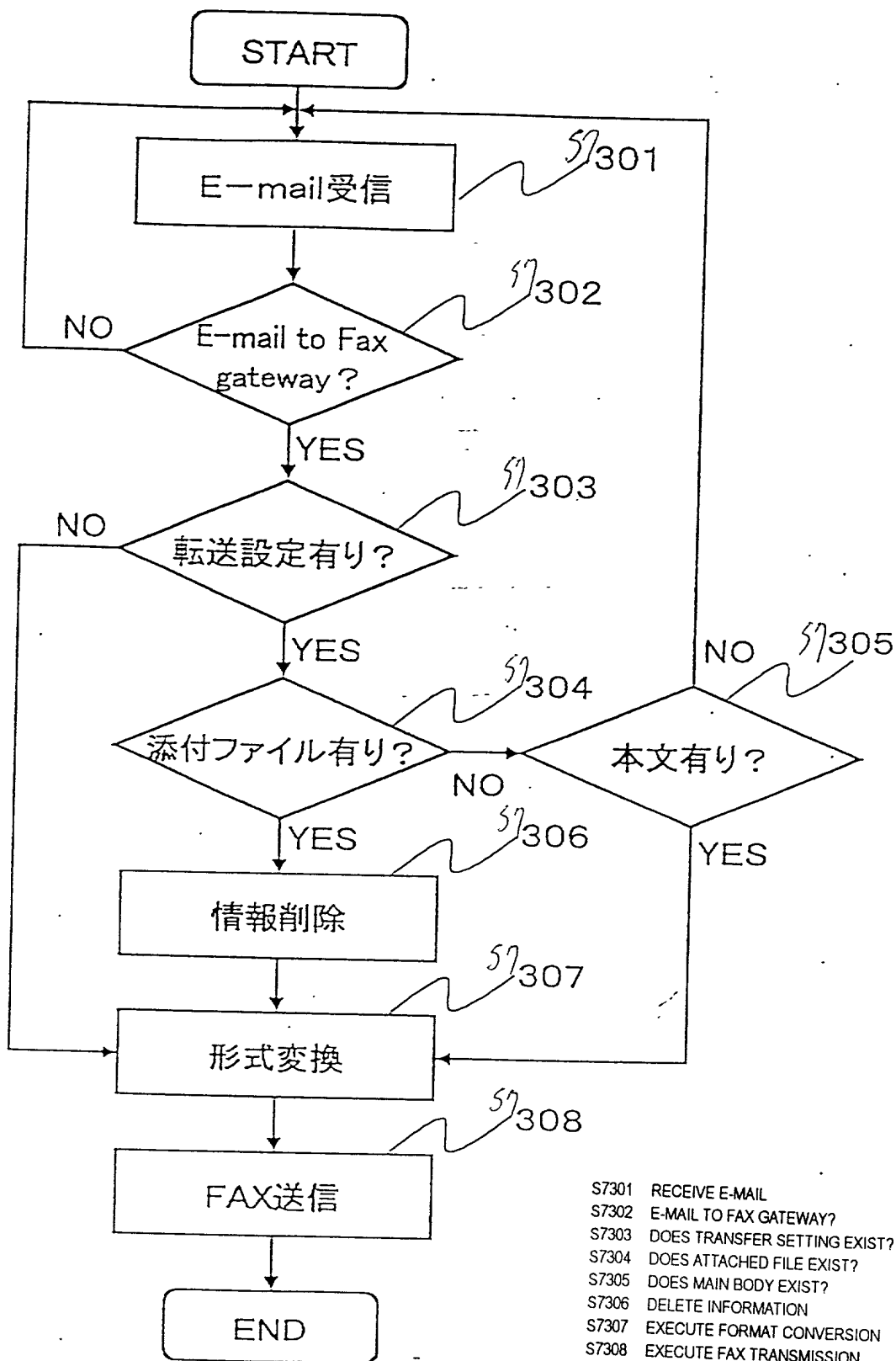
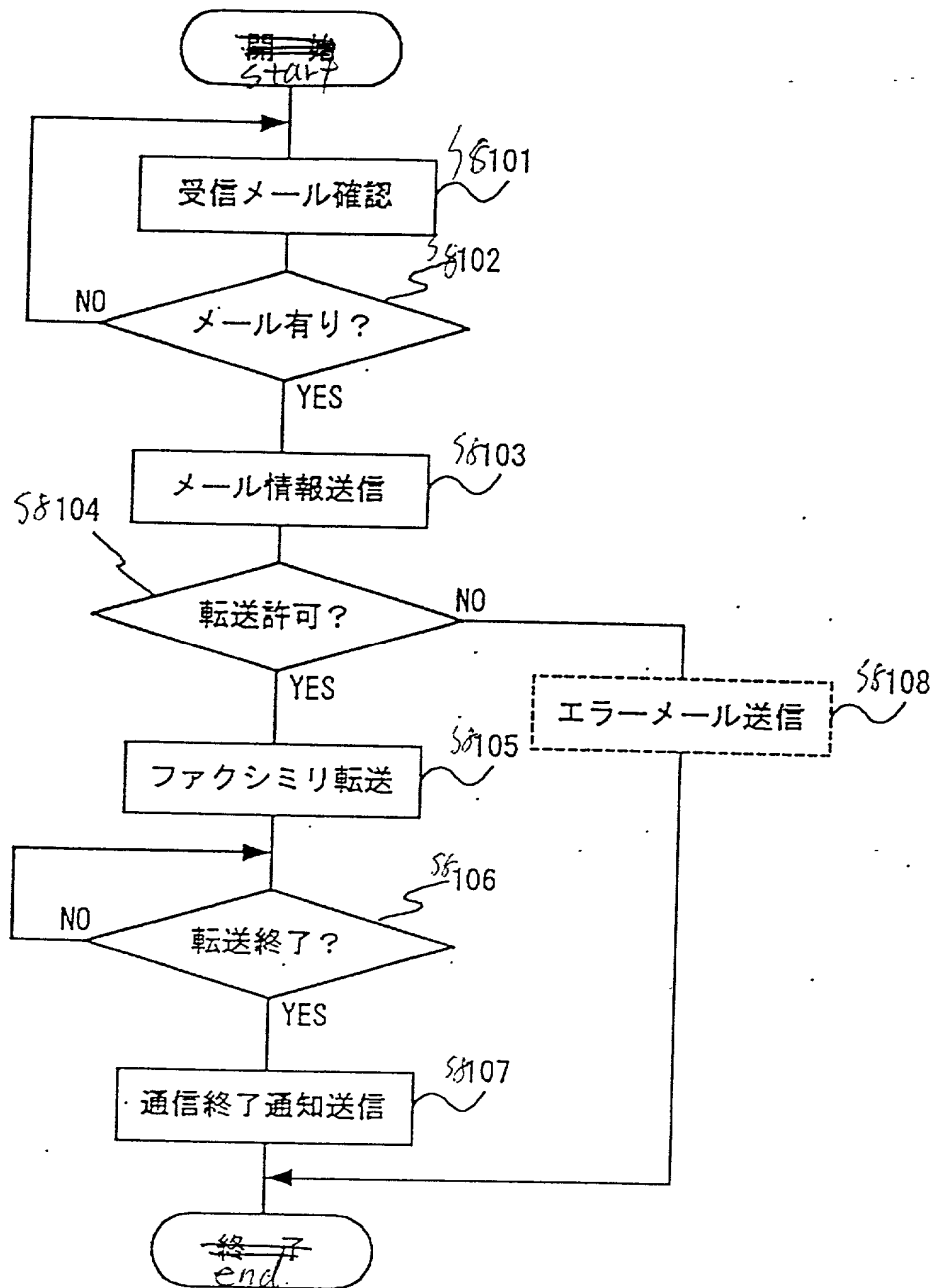
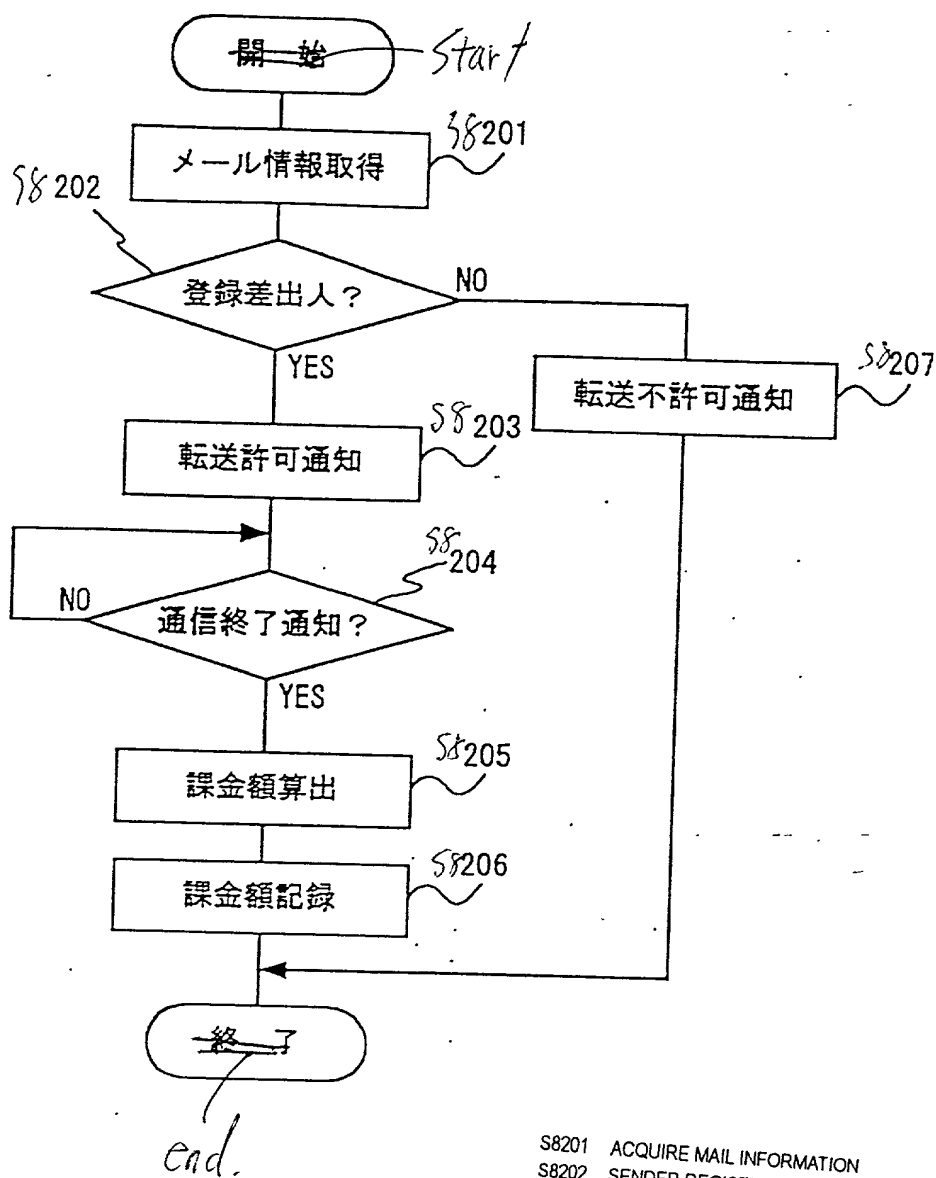


Fig. 41



- S8101 CHECK WHETHER OR NOT E-MAIL IS RECEIVED
- S8102 E-MAIL RECEIVED?
- S8103 TRANSMIT MAIL INFORMATION
- S8104 TRANSFER PERMITTED?
- S8105 TRANSFER BY FAX
- S8106 END OF TRANSFER?
- S8107 SEND COMMUNICATION END NOTIFICATION
- S8108 SEND ERROR MAIL

Fig. 42



- S8201 ACQUIRE MAIL INFORMATION
- S8202 SENDER REGISTERED?
- S8203 SEND TRANSFER PERMISSION NOTIFICATION
- S8204 COMMUNICATION END NOTIFICATION RECEIVED?
- S8205 CALCULATE CHARGE AMOUNT
- S8206 RECORD CHARGE AMOUNT
- S8207 SEND TRANSFER DISAPPROVAL NOTIFICATION

Fig. 43

差出人 sender	メールアドレス mail address	署名 signature	転送経路 transfer route	課金額 charge amount
〇〇 〇〇	xxx@xxx.co.jp	不要 not required	.....	*****
	yyy@yyy.ne.jp	要 required	上記以外 except the above	
×× ××	zzz@xxx.co.jp	不要 not required	.....	*****
	zzz@yyy.ne.jp	要 required	上記以外 except the above	
⋮	⋮	⋮	⋮	⋮

09987672-11501  
POST 2/9/8660





Fig. 45

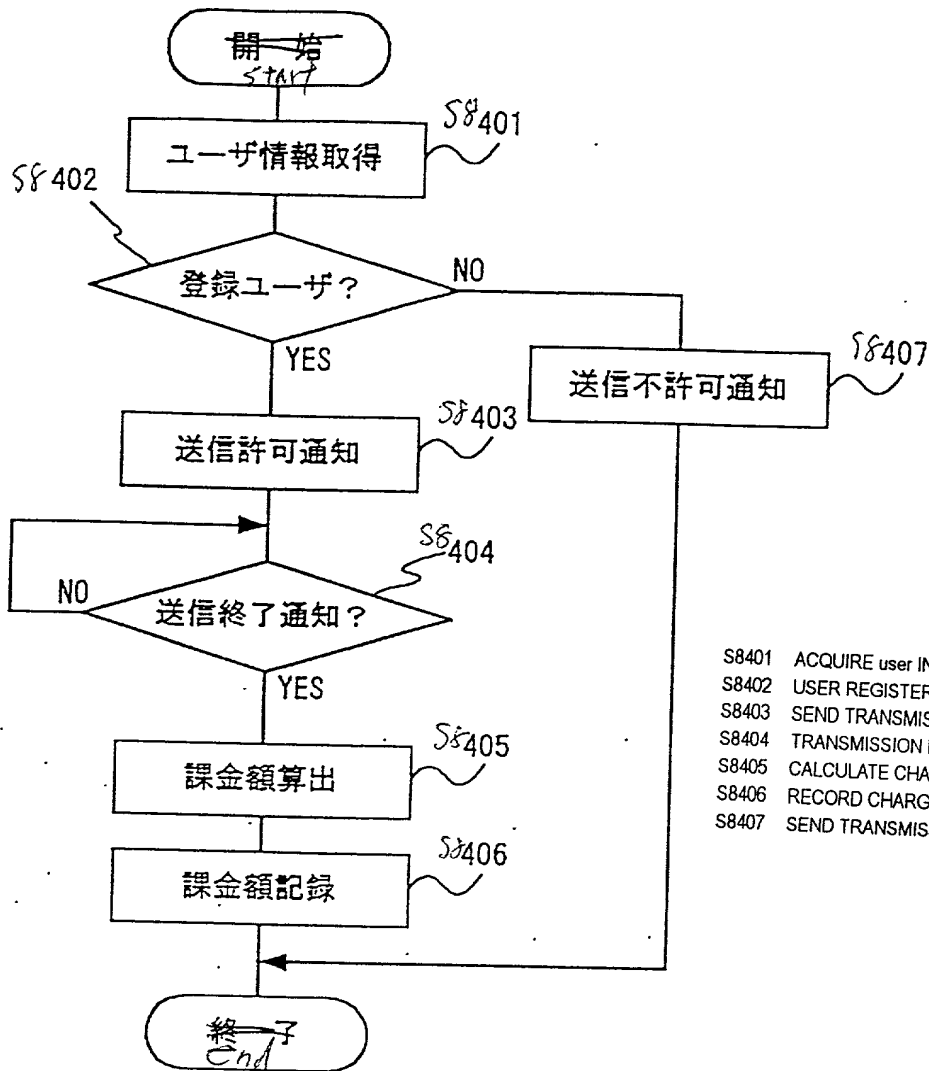


Fig. 46

ユーザ名 user name	ユーザID user ID	パスワード password	課金額 charging amount
〇〇 〇〇	XXX	*****	*****
×× ××	ZZZ	*****	*****
⋮	⋮	⋮	⋮